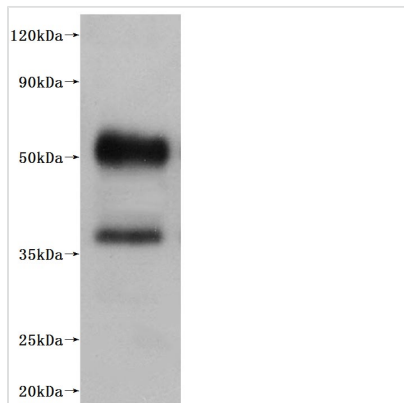


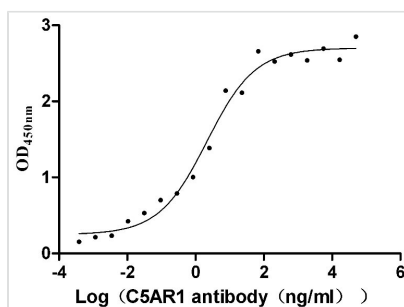


Recombinant Human C5a anaphylatoxin chemotactic receptor 1 (C5AR1)-VLPs (Active)

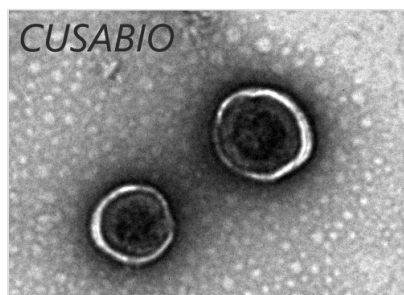
| | |
|----------------------------|---|
| Product Code | CSB-MP003996HU |
| Abbreviation | Recombinant Human C5AR1 protein-VLPs (Active) |
| Storage | The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C. |
| Uniprot No. | P21730 |
| Form | Lyophilized powder |
| Storage Buffer | Lyophilized from a 0.2 μm sterile filtered PBS, 6% Trehalose, pH 7.4 |
| Product Type | Recombinant Protein |
| Immunogen Species | Homo sapiens (Human) |
| Biological Activity | Measured by its binding ability in a functional ELISA. Immobilized human C5AR1 at 10 μg/mL can bind Anti-C5AR1 recombinant antibody (CSB-RA003996A0HU), the EC ₅₀ is 1.239-3.760 ng/mL. |
| Sequence | MDSFNYYTTPDYGHYDDKDTLNLNTPVDKTSNTRLRVPDILALVIFAVVFLVGVLG NALVVWVTAFAEKRTINAIWFLNLAVADFLSCLALPILFTSIVQHHHWPFGGAA CSILPSLILLNMYASILLLATISADRFLLVFKPIWCQNFRGAGLAWIACAVAWGLA LLLTIPSFLYRVVREEYFPPKVLGVDYSHDKRRERAVAIVRLVLGFLWPLLTLT ICYTFILLRTWSRRATRSTKTLKVVVAVVASFFIFWLPYQVTGIMMSFLEPSSPT FLLKKLDSLCSFAYINCCINPIIYVVAGQGFGRLRKSLSLLRNVLTEESVV RESKSFTRSTVDTMAQKTQAV |
| Source | Mammalian cell |
| Target Names | C5AR1 |
| Expression Region | 1-350aa |
| Notes | Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week. |
| Tag Info | C-terminal 10xHis-tagged (This tag can be tested only under denaturing conditions) |
| Mol. Weight | 41.1 kDa |
| Protein Length | Full Length |
| Image | |



CSB-MP003996HU is detected by Mouse anti-6*His monoclonal antibody.



Activity
 Measured by its binding ability in a functional ELISA. Immobilized human C5AR1 at 10 µg/ml can bind Anti-C5AR1 recombinant antibody (CSB-RA003996A0HU), the EC₅₀ is 1.239-3.760 ng/mL.



The presence of VLP-like structures was confirmed by TEM

Endotoxin

Less than 1.0 EU/ug as determined by LAL method.

Shelf Life

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.